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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.				
10/579,655	Andreas Jungbluth	API-03-15-US				
Patrick J. Halloran 3141 Muirfield Rd. Center Valley, PA 18034		INTERNATIONAL APPLICATION NO. PCT/US04/38700				
		<table border="1"><tr><td>I.A. FILING DATE</td><td>PRIORITY DATE</td></tr><tr><td>11/18/2004</td><td>11/20/2003</td></tr></table>	I.A. FILING DATE	PRIORITY DATE	11/18/2004	11/20/2003
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11/18/2004	11/20/2003					

CONFIRMATION NO. 4790
371 FORMALITIES LETTER



Date Mailed: 03/12/2009

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- Priority Document
- Copy of the International Application filed on 05/18/2006
- Copy of the International Search Report filed on 05/18/2006
- Preliminary Amendments filed on 05/18/2006
- Biochemical Sequence Diskette filed on 03/11/2009
- Oath or Declaration filed on 08/10/2007
- Biochemical Sequence Listing filed on 08/10/2007
- U.S. Basic National Fees filed on 05/18/2006
- Priority Documents filed on 05/18/2006

Applicant's response filed 03/11/2009 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 03/21/2007 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Refer to attachment or PAIR document dated 10/18/07. Must submit new disc..

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**

- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

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